

Converting Colors

RYB(202, 221, 244)

Have a look what the booklet for RYB(202, 221, 244) contains.

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Color

RYB(202, 221, 244)

Conversions

Conversions Part 1

Format	Color
Hex	CAEDF4
RGB	202, 237, 244
RGB Percent	79%, 93%, 96%
CMY	0.2078, 0.0718, 0.0431
CMYK	0.17, 0.03, 0.00, 0.04
HSL	190°, 66%, 87%
HSV	190°, 17%, 96%
XYZ	70.8824, 79.4805, 97.1933
YIQ	227.3330, -23.1070, -5.2430

Conversions

Conversions Part 2

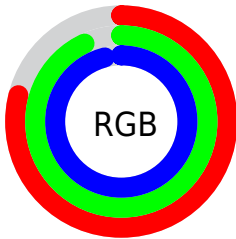
Format	Color
R _Y B	202, 221, 244
Decimal	13299188
CIE Lab	91.45, -9.73, -7.31
CIE LCh	91, 12.169, 216.917
Yxy	79.4805, 0.2863, 0.3211
Android (android.graphics.Color)	4291489268 (0xFFCAEDF4)
YUV	227.3330, 8.2168, -22.2170
Hunter-Lab	89.1518, -14.0948, -2.2317

Details

The RYB color **202, 221, 244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **244, 210, 202**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **147, 166, 188** is the 20% darker color. If you saturate the color by 10%, you get **178, 208, 244**, and if you desaturate by 10%, it is **226, 234, 244**.

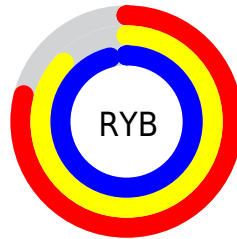
Distribution



Red (79%)

Green (93%)

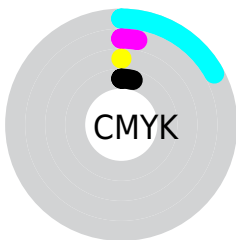
Blue (96%)



Red (79%)

Yellow (87%)

Blue (96%)

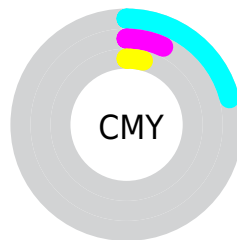


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 221, 244 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 202, 221, 244 by changing the saturation by 10% instead.

■ 202, 221, 244

255, 255, 255

■ 202, 221, 244

■ 174, 193, 216

■ 147, 166, 188

■ 121, 139, 161

■ 96, 114, 135

■ 71, 88, 109

■ 47, 64, 85

■ 24, 41, 62

■ 0, 18, 40


■ 0, 7, 20

 202, 221, 244

 202, 221, 244

 178, 208, 244


 226, 234, 244

 153, 194, 244


 251, 245, 244

 129, 181, 244


 255, 253, 244


 104, 167, 244

 245, 255, 244

 80, 154, 244

 244, 255, 244

 56, 141, 244

 31, 127, 244

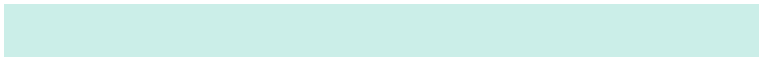
 7, 114, 244

 0, 111, 244

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203, 222, 238



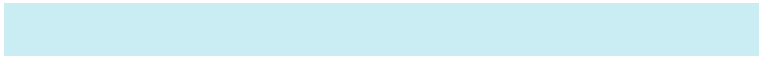
202, 221, 244



209, 225, 252

Triad

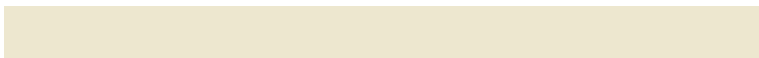
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



202, 221, 244



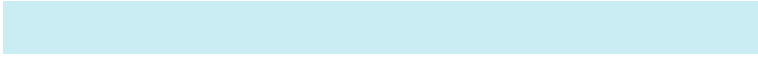
248, 224, 240



215, 237, 207

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



202, 221, 244



244, 210, 202

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 242, 209



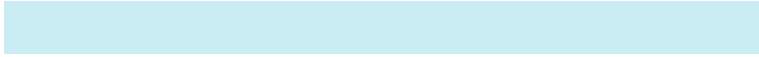
202, 221, 244



255, 223, 228

Square

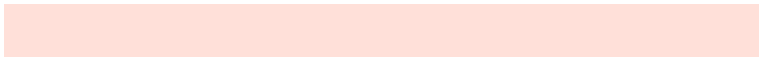
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



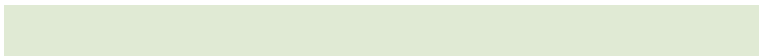
202, 221, 244



236, 227, 249



255, 226, 217



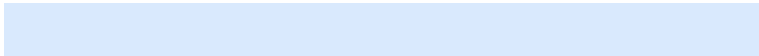
212, 234, 222

Rectangle

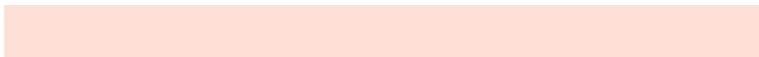
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



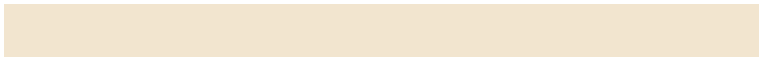
202, 221, 244



217, 228, 253



255, 226, 217



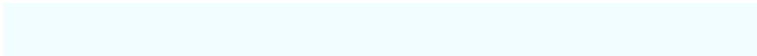
228, 242, 207

Sweetspot

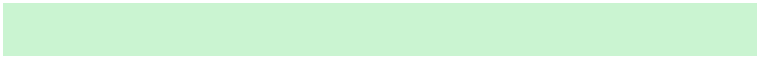
The Sweet Spot groups the original color and five complimentary colors.



202, 221, 244



242, 248, 255



202, 238, 244



120, 123, 128



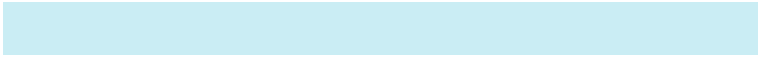
0, 0, 0



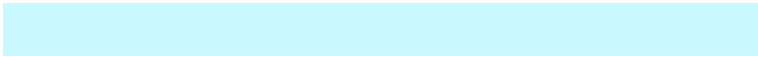
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



202, 221, 244



201, 226, 255



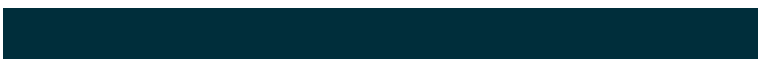
202, 213, 244



110, 115, 122



0, 84, 186



0, 26, 59

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



244, 202, 237



255, 201, 246



223, 244, 202



122, 110, 120



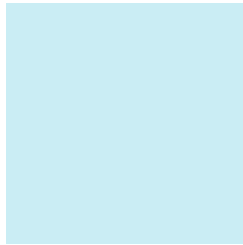
186, 0, 154



59, 0, 48

Previews

White Background



This preview shows how the RYB color 202, 221, 244 looks on a white background.

Color Contrast Check

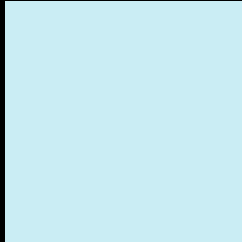
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 202, 221, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

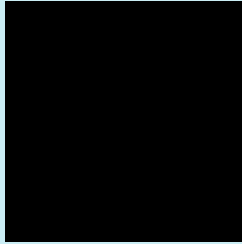
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 202, 221, 244 Background



This preview shows how black text looks on a background with the RYB color 202, 221, 244.



This preview shows how white text looks on a background with the RYB color 202, 221, 244.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

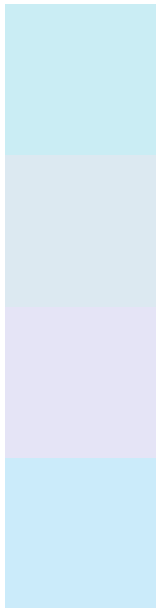




Tritanopia

204, 223, 254

Trichromacy



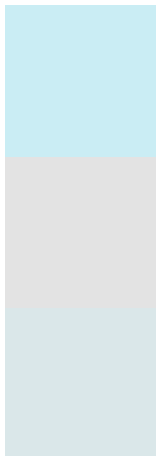
Original Color
202, 221, 244

Protanomaly
220, 228, 241

Deuteranomaly
229, 228, 246

Tritanomaly
203, 222, 250

Monochromacy



Original Color
202, 221, 244

Achromatopsia
227, 227, 227

Achromatomaly
218, 225, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 221, 244 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(202, 237, 244)` looks like.

```
.text, #text, p{  
    color:rgb(202, 237, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 237, 244) }
```

Border

The CSS property to change the border of an element to RYB 202, 221, 244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 237, 244) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(202, 237, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(202, 237, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(202, 237,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 202, 237, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 237, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202,  
237, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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